



Cat. No. 40-987

## High-Power In-Wall Stereo Volume Control

Your RadioShack High-Power In-Wall Stereo Volume Control lets you adjust the volume on a pair of speakers that are located in a room separate from the stereo, so you can control the sound on the spot.

**Caution:** This volume control is limited to a maximum of 50 watts RMS/100 watts maximum, per channel.

### Important:

- Overtightening the screws might damage the wall plate.
- Some electrical wall boxes are a non-standard size. Be sure that you measure the wall box before you mount the volume control.

1. Run wiring from the sources through the electrical box.

### Illustration

## MOUNTING THE VOLUME CONTROL

The volume control is designed to be mounted in a standard electrical wall box. Select a location that is:

- Within reach of the speaker wires
- Easy to reach for using the volume control

**Warning:** You must mount the volume control in a standard electrical box. Do not mount it directly on a wall.

2. Connect the wiring to the volume control (see "Connections" on Page 2).
3. Insert the two supplied short screws into the holes on the volume control's wall plate.
4. Place the volume control in the electrical box as shown above and secure it with the screws.

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## CONNECTIONS

**Note:** Your local RadioShack store sells the necessary speaker wire to make the connections.

**Caution:** Letting stray wire ends touch an adjacent terminal, the mounting brackets or screws, or the metal sides of the electrical box could cause a short circuit or damage a speaker.

Illustration  
showing all  
connections

1. Strip off  $\frac{1}{2}$  inch (12.7 mm) of insulation from each end of the amplifier/receiver and speaker wires.

**Caution:** Be sure to follow the correct polarity (+ to + and – to –) when making connections. Improper connections might cause poor stereo reproduction and reduce the bass response.

2. Insert the amplifier/receiver's + and – left speaker output wires into the volume control's **INPUT L+** (left positive) and **L–** (left negative) terminals, then tighten the screws.

3. Insert the amplifier/receiver's + and – right speaker output wires into the volume control's **INPUT R+** (right positive) and **R–** (right negative) terminals, then tighten the screws.
4. Insert the left speaker's + and – wire ends into the volume control's **OUTPUT L+** and **L–** terminals, then tighten the screws.
5. Insert the right speaker's + and – wire ends into the volume control's **OUTPUT R–** and **R+** terminals, then tighten the screws.

## OPERATION

1. Set the amplifier/receiver's volume control to minimum by turning it fully counterclockwise. Then turn on the amplifier/receiver and set its volume control slightly above the normal listening level.
2. To increase or decrease the remote speaker's volume, turn the wall-mount volume control clockwise or counterclockwise.

Illustration

## SPECIFICATIONS

|                                       |   |
|---------------------------------------|---|
| Power Handling .....                  | 50 Watts (RMS) per Channel<br>100 Watts maximum per Channel   |
| Attenuation .....                     | 10-Position Control<br>1st Position (Fully Counterclockwise): Full-Off<br>2nd and 3rd Position: Attenuate $6 \pm 1$ dB Per Step<br>4th to 9th Position: Attenuate $3 \pm 1$ dB Per Step<br>10th Position: Full On |
| Insulation Resistance .....           | 100 Meg Ohm Minimum at 500 VDC  |
| Dielectric Withstanding Voltage ..... | 500 VAC, 1 Minute   |
| Weight .....                          | 14.3 oz (405 g)   |

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, Dept. W, 100 Throckmorton St., Suite 600, Fort Worth, TX 76102

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A Division of Tandy Corporation  
Fort Worth, Texas 76102

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